

REMARKS

As a preliminary matter, Applicants thank the Examiner for the courtesy extended to Josh C. Snider in the telephone interview conducted on May 12, 2003. The independent claims of the invention were discussed, along with the Youn reference (U.S. 5,856,816), and agreement was not reached regarding the patentability of the pending claims. Accordingly, Applicants have amended the independent claims in the interest of expediting prosecution.

Claims 1-17 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Youn. Applicants respectfully traverse this rejection because the cited reference does not disclose or suggest a liquid crystal display device having a data driver divided into a plurality of adjacent blocks, where the data driver and its plurality of adjacent blocks are arranged along a single edge of a panel of the liquid crystal display, and including a plurality of signal lines that are connected to a plurality of data bus lines via analog switches, the number of the data bus lines being larger than the number of the signal lines, the display signals being supplied from the signal lines of each block to the data bus lines simultaneously, and the blocks are arranged adjacent to each other along the single edge of the display panel, as now expressly featured in the present invention.

As previously discussed, Youn teaches a plurality of blocks on two opposing edges of a liquid crystal display panel. In contrast, however, the present invention includes all of the features described above for each block, and along a single edge of the panel.

Applicants submit that Youn does not teach or suggest “adjacent blocks” as broadly as the Examiner appears to be interpreting. The configuration of blocks shown by Youn does not include all of the features of the present invention, and the blocks in Youn should only be appropriately considered to be “adjacent” to blocks arranged along the *opposite* edge of the display panel. Because Youn does not teach or suggest all of the features described above for each block, nor that the blocks are arranged along a single edge, the Section 103 rejection based on Youn is respectfully traversed for at least these reasons.

Additionally, in his response on Page 8 of Paper No. 24, the Examiner acknowledges that neither the odd data lines connected to a data driver along one edge of the LCD panel, nor the even data lines connected to a different data driver along an opposing edge of the LCD panel, are shown by Youn to be adjacent one another within the LCD panel itself. Accordingly, Applicants have amended independent claims 1 and 14-16 to clarify that the data driver of the present invention, which includes the plurality of blocks adjacently arranged, is located on a single edge of the liquid crystal display panel. In other words, as emphasized by the Examiner, the single edge of the LCD panel is clarified to be commonly shared by the adjacent blocks of the data driver on the single edge. As acknowledged by the Examiner, Youn does not teach such features. Accordingly, for at least these additional reasons, the Section 103 rejection based on Youn is further respectfully traversed.

New claims 18-21 have been added to recite other combinations of features of the present invention. Specifically, claims 18-21 more particularly describe that the blocks of

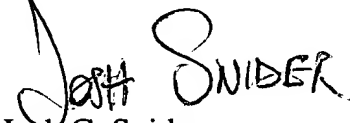
the present invention are arranged adjacent to a block of an immediately preceding or following number. Youn, on the other hand, clearly shows that all preceding and following blocks are not arranged adjacently, but instead on the opposite edge of the liquid crystal display panel. This alternating pattern of the blocks in Youn is therefore even further different from new claims 18-21 of the present invention, and Applicants therefore respectfully request consideration, entry, and allowance of these claims as well.

For all of the foregoing reasons, Applicants submit that this Application, including claims 1-21, is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned Attorney if another interview would expedite prosecution.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


Josh C. Snider
Registration No. 47,954

Customer No. 24978

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Suite 2500
300 South Wacker Drive
Chicago, Illinois 60606
Tel. (312) 360-0080
Fax: (312) 360-9315
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